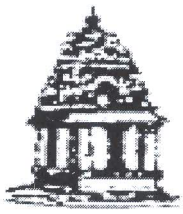

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

DIVISION: BYATARAYANAPURA

SUB DIVISION: VIDYARANYAPURA

Name of Work *Providing Missing Covering Slabs to Drains in Ward No. 11 (Kuvempunagara) Vidyaranyapura Sub Division.*

Job Code: 011-20-000124

P Code: P-1771 POW Works

Estimated Cost: Rs. 30.00 Lakh(s)

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of work: Estimate for Providing Missing Covering Slabs to Drains in Ward No. 11 (Kuvempunagara) Vidyaranyapura Sub Division.

011-20-000124		P-1771			Est Cost Rs.				3000000.00
Sl No	**Description of item**	**Unit**	**No**	**L**	**B**	**D**	**Qty**	**Rate**	**Amount**
1	KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 **Page No. 143 / Item No. 19.1, PWD SR 2018-19**	Cum							
	Drain Desliting								
	Kamatha Layout 1st Main		2	120.00	0.45	0.45	48.60		
	Kamatha Layout 2nd Main		2	110.00	0.45	0.45	44.55		
	Sai Garden Shriram Swagraha Apartment		2	130.00	0.45	0.45	52.65		
	Berm cutting								
	Kamatha Layout 1st Main		2	120.00	0.90	0.20	43.20		
	Kamatha Layout 2nd Main		2	110.00	0.90	0.20	39.60		
	Sai Garden Shriram Swagraha Apartment		2	140.00	0.90	0.20	50.40		
	Basic Rate	130.00					**279.00**	243.88	**68043.00**
	Area Weightage @6%	7.80							
	Total	**137.80**							
	Add loading and unloading Charges **It No 17.1 KSRRB M 100-1**	68.00							
	Average weight of earth 1.28 tonne / kg for 11.90 Km = 1.28 T X 11.90Km X 2.5 / km= 38.08	38.08							
	Total	**243.88**							
2	Removing and refixing stone slabs of drains and pointing in CM (1:3) **Page No. 27 / Item No. 5.33 PWD SR 2018-19**	Sqm							
	Kamatha Layout 1st Main		2	120.00		1.35	324.00		
	Kamatha Layout 2nd Main		2	110.00		1.35	297.00		
	Sai Garden Shriram Swagraha Apartment		2	140.00		1.35	378.00		
							999.00		
	Consider 50% of the total qty						499.50		
	Basic Rate	105.00					**499.50**	111.30	**55594.00**
	Area Weightage @ 6%	6.30							
	Total	**111.30**							
3	Providing granite slabs of selected quality roughly dressed havinf a size of 7.5 cms thick and fixed in cement mortar (1:6) including fixing curing ete., complete **Page No. 27 / Item No. 5.31.1 PWD SR 2018-19**	Sqm							
	Damaged Slabs 20%		Vide Item No. 2				99.90		
	Basic Rate	700.00					**99.90**	742.00	**74126.00**
	Area Weightage @ 6%	42.00							
	Total	**742.00**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
4	KSRB 5-14 : Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4 **Page No. 27 / Item No. 5.26.2, PWD SR 2018-19**	Sqm							
	Kamatha Layout 1st Main		2x2	120.00		0.40	192.00		
	Kamatha Layout 2nd Main		2x2	110.00		0.40	176.00		
	Sai Garden Shriram Swagraha Apartment		2x2	140.00		0.40	224.00		
	Basic Rate	924.00					**592.00**	979.44	**579828.00**
	Area Weightage @ 6%	55.44							
	Total	**979.44**							
5	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, for coping. Including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. **Page. No. 255 / Item No.34.11 of PWD SR 2018-19**	cum							
	Bed Concrete								
	Kamatha Layout 1st Main		2	105.00	0.45	0.10	9.45		
	Kamatha Layout 2nd Main		2	108.00	0.45	0.10	9.72		
	Sai Garden Shriram Swagraha Apartment		2	140.00	0.45	0.10	12.60		
	Coping Concrete								
	Kamatha Layout 1st Main		4	120.00	0.20	0.10	9.60		
	Kamatha Layout 2nd Main		4	110.00	0.20	0.10	8.80		
	Sai Garden Shriram Swagraha Apartment		4	140.00	0.20	0.10	11.20		
	Basic Rate	5283.00					**61.37**	5599.98	**343671.00**
	Area Weightage @ 6%	316.98							
	Total	**5599.98**							
6	Providing **precast slab of 100 mm thick** including cost of all materials, labour, curing, transportation, loading unloading, etc., complete as per the direction of engineer in charge- Data rate.	Sqm							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Kamatha Layout 1st Main		2	120.00	0.90		216.00		
	Kamatha Layout 2nd Main		2	110.00	0.90		198.00		
	Sai Garden Shriram Swagraha Apartment		2	140.00	0.90		252.00		
							666.00	2337.00	**1556442.00**
	Sub Total								**2677704.00**
	GST @ 12%								**321324.00**
	Add for unforseen and rounding off	L/S							**972.00**
								Total	**3000000.00**
Rupees Thirty Lakh(s) Only									

Certificate:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per P.W.D S.R of 2018-19.
4 The provisions were made in this estimate are necessary and adequate.
5 This works come under B.B.M.P. limits.

Assistant Engineer
Ward No. 11

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaranyapura Sub Division

21/04

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

21/04

Administrative Approval
Accorded For Rs.30.00lakhs
Head of A/C P-1771
CER NO ~~Rs~~ 1419 Dt: 20/03/2020

TA CE (YNK)

Technical Sanction
Accorded For Rs.30.00 lakhs
Head of A/C P-1771
CER NO ~~TS~~ 1382 Dt: 20/03/2020

TA CE (YNK)